

Amendments to the claims:

Claims 1-10. Cancelled.

11. (New) A method of providing non-contact data selection, comprising the steps of:

providing at least one data selection;

transmitting a plurality of signals in proximity to said plurality of data selections;

said transmitting step comprising transmitting a plurality of acoustic signals from at least three groupings, each of said at least three groupings comprising a signal emitter for emitting one of said plurality of acoustic signals of a unique frequency and a signal receiver for receiving one of said plurality of acoustic signals;

altering the path of at least one of said transmitted plurality of acoustic signals through interaction with a selection device;

detecting at least one of said altered plurality of acoustic signals;

determining a position of said selection device from said at least one of said altered plurality of acoustic signals; and

correlating said position of said selection device to said at least one data selection.

12. (New) The method of claim 1 wherein said altering step comprises reflecting each of said plurality of acoustic signals off of said selection device for reception by one of said plurality of signal receivers.

13. (New) The method of claim 1 wherein said determining step comprises measuring an amount of time between the emission of each of said plurality of acoustic signals and reception by said plurality of signal receivers, converting said amounts of time to a plurality of distances, and using said plurality of distances to locate said selection device.

14. (New) The method of claim 1 wherein said providing said at least one data selection comprises providing said at least one data selection on an elevator.

15. (New) A method of providing non-contact data selection, comprising the steps of:

providing at least one data selection;

transmitting a plurality of signals in proximity to said plurality of data selections;

said transmitting step comprising emitting a plurality of electromagnetic signals from a plurality of signal emitters each aimed at a corresponding signal receiver;

altering the path of at least one of said transmitted plurality of signals through interaction with a selection device;

said altering step comprising partially blocking said path of at least one of said plurality of electromagnetic signals;

detecting at least one of said altered plurality of signals;

said detecting step comprising measuring an intensity of each of said electromagnetic signals at each of said plurality of signal receivers;

determining a position of said selection device from said at least one of said altered plurality of signals; and

correlating said position of said selection device to said at least one data selection.

16. (New) The method of claim 5 wherein said providing said at least one data selection comprises providing said at least one data selection on an elevator.

17. (New) A non-contact data selection system comprising:

at least one data selection;

means for transmitting a plurality of signals in proximity to said plurality of data selections;

said transmitting means comprising means for transmitting a plurality of acoustic signals from at least three groupings, each of said at least three groupings comprising a signal emitter for emitting one of said plurality of acoustic signals of a unique frequency and a signal receiver for receiving one of said plurality of acoustic signals;

means for altering the path of at least one of said transmitted plurality of acoustic signals through interaction with a selection device;

means for detecting at least one of said altered plurality of acoustic signals;

means for determining a position of said selection device from said at least one of said altered plurality of acoustic signals; and

means for correlating said position of said selection device to said at least one data selection.

18. (New) The system of claim 7 wherein said at least one data selection corresponds to a floor accessible by an elevator.

19. (New) The system of claim 7 wherein said altering means comprises means for reflecting each of said plurality of acoustic signals off of said selection device for reception by one of said plurality of signal receivers.

20. (New) The system of claim 7 wherein said determining means comprises means for measuring an amount of time between the

emission of each of said plurality of acoustic signals and reception by said plurality of signal receivers, means for converting said amounts of time to a plurality of distances, and means for using said plurality of distances to locate said selection device.

21. (New) A non-contact data selection system comprising:

at least one data selection;

means for transmitting a plurality of signals in proximity to said plurality of data selections;

said transmitting means comprising means for emitting a plurality of electromagnetic signals from a plurality of signal emitters each aimed at a corresponding signal receiver;

means for altering the path of at least one of said transmitted plurality of signals through interaction with a selection device;

said altering means comprising means for partially blocking said path of at least one of said plurality of electromagnetic signals;

means for detecting at least one of said altered plurality of signals;

said detecting means comprising means for measuring an intensity of each of said electromagnetic signals at each of said plurality of signal receivers;

means for determining a position of said selection device
from said at least one of said altered plurality of signals; and

means for correlating said position of said selection
device to said at least one data selection.